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L8: Entry 4 of 4

File: USPT

Jul 13, 1999

DOCUMENT-IDENTIFIER: US 5923016 A

TITLE: In-store points redemption system &amp; method

Application Filing Date (1):19961203Detailed Description Text (5):

No enrollment period is required to participate in the loyalty program. Although a customer may complete an optional enrollment form which is available at the retailer location. A permanent point accumulation card is issued to the customer to open the customer a personal point accumulation program account. Accounts are immediately opened automatically by the host when the card is used for the first time in a point update transaction. The point accumulation card may be a card having a read only magnetic stripe or bar-code positioned on the card. The bar-code or magnetic stripe includes data representing the customers account number which when input into the system prompts the system to search for the customer's point accumulation account. The card number, which is preferably sixteen digits, includes a persistent six digit ISO (International Standards Organization) number and a check digit.

US Reference US Original Classification (30):705/39US Reference Group (30):5535407 19960700 Yanagawa et al. 705/39[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

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L8: Entry 1 of 4

File: USPT

Aug 1, 2000

DOCUMENT-IDENTIFIER: US 6098053 A

TITLE: System and method for performing an electronic financial transaction

Application Filing Date (1):

19990126

Brief Summary Text (5):

A second type of POS transaction utilizes the automated teller machine (ATM) network, making it a completely on-line and real time transaction. This type of on-line ATM/POS transaction is performed at ATM machines or merchant POS terminals directly connected to the ATM network. For this type of transaction, a purchaser dips or swipes their ATM, debit or check card, enters their PIN, and the network recognizes this as an on-line ATM/POS transaction and routes it through the same network that is used for ATM transactions. As part of that routing process, the network is set up to route the transaction according to a Bank Identification Number (BIN) included in a Primary Account Number (PAN), which is the embossed number on the card. The embossed number on the card is also stored on the magnetic stripe of the card, or for a smart card, within the memory of the microcomputer chip on the card. The BIN consists of the first six digits of the embossed number, according to International Standards Organization (ISO) standard number ISO 7812. Further, ISO provides the BIN numbers worldwide to insure that there is no duplication. The BIN tells the ATM network how to route the transaction so that it gets back to the purchaser's bank, and each bank that accepts one of these on-line ATM/POS transactions has a cross-reference between the embossed number and the actual account number. The on-line ATM/POS transaction creates an on-line authorization that verifies the card number and PIN, and determines if the card is lost or stolen or if the associated account is blocked. Further, the associated bank account is checked to determine if there are sufficient funds to cover the transaction amount. The transaction is then settled the same business day through the ATM networks.

US Reference US Original Classification (21):

705/39

US Reference Group (21):

5956699 19990900 Wong et al. 705/39

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